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APZOROZOGET NO. 1 % ABRO2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)
Yoshinari HIGAKI et al	"Express Mail" Mailing Label No. EV 829838424 Date of Deposit Apr11 19, 2006
Serial No.: Not Assigned) I hereby certify that this correspondence is being
Filed: Herewith	deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR1.10 on the date indicated above
<pre>Int. Application No: PCT/JP2005/017223</pre>) and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
<pre>Intl. Filing Date: September 13, 2005</pre>) Name: <u>ARMANDO CHUG</u>) (typed or printed)
Art Unit:	Signature Arms 1
For: SEMICONDUCTOR DEVICE)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.97, Applicant hereby calls the Examiner's attention to documents listed on the attached form, which documents may be material to the examination of this application. Pursuant to 37 CFR §1.98(a)(2)(i) copies of cited US patent and US patent application publications are not submitted herewith. Copies of foreign patent documents and non-patent literature documents are enclosed herewith for the Examiner's consideration.

The family of JP 2001-281704 cited herein includes:

US Patent No. 6,825,488 B2

US Patent Application Publication No. US 2002/0110941 A1

US Patent Application Publication No. US 2005/0056848 A1

```
US Patent No. 6,166,396
 US Patent No. 6,495,857 B2
 US Patent Application Publication No. US 2001/0001496 A1
The family of JP 10-032202 cited herein includes:
 US Patent No. 5,929,527
 US Patent No. 6,844,628 B2
 US Patent Application Publication No. US 2002/0179973 A1
 US Patent No. 6,940,094 B2
 US Patent Application Publication No. US 2002/0179972 A1
 US Patent No. 6,979,882 B1
 US Patent Application Publication No. US 2005/0206008 A1
The family of JP 06-232129 cited herein includes:
 US Patent No. 5,623,157
 US Patent No. 5,804,878
 US Patent No. 6,031,290
 US Patent No. 6,166,414
 US Patent No. 6,448,612 B1
 US Patent No. 6,608,353 B2
 US Patent Application Publication No. US 2002/0179969 A1
 US Patent Application Publication No. US 2004/0023445 A1
 US Patent Application Publication No. US 2004/0051102 A1
 US Patent Application Publication No. US 2005/0145847 A1
The family of JP 08-330600 cited herein includes:
 US Patent No. 5,640,067
 US Patent No. 5,897,328
 US Patent No. 6,853,083 B1
 US Patent No. 6,992,435 B2
 US Patent Application Publication No. US 2005/0146262 A1
```

The family of JP 09-045927 cited herein includes:

No inference should be drawn that the attached list sets forth a comprehensive investigation of the prior art, that any or all are pertinent to the invention, or that any apparatus disclosed is equivalent to the subject invention.

The citation of the above-discussed documents is not to be construed as an assertion that more pertinent art could not

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possibly be in existence. Citation of any document herein is not to be construed as an admission that any subject matter disclosed in the document is necessarily within the inventive field of endeavor, that any disclosure is necessarily prior in time to a particular date which may be relevant to the instant patent application, and/or that any disclosure is otherwise necessarily prior art with respect to the instant invention.

Applicant also respectfully reserves the right to later set forth how the instant invention is distinguished over the disclosure of any document or other art, including the disclosure of those documents discussed herein, that may be cited by the Examiner in rejecting a claim in the instant patent application.

A first office action, notice of allowance or issue fee notification has not been received in this case, so Applicant does not believe that a fee is due. However, if any such fee is required, please charge our Deposit Account No. 50/1039.

Respectfully submitted,

Mark J Murphy

Registration No: 34,225

COOK, ALEX, McFARRON, MANZO, CUMMINGS & MEHLER, LTD. 200 West Adams Street Suite 2850 Chicago, Illinois 60606 (312) 236-8500 Customer No: 000026568

10/576177

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FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE
	JP 06-202146 JP 06-232129 JP 07-312425 JP 08-330600	07/22/94 08/19/94 11/28/95 12/13/96	Fujitsu Ltd Semiconductor Energy Lab Co Ltd Hitachi Ltd TDK Corp	X X X		12/28/92 01/18/93 05/18/94 03/22/96
	JP 09-045927 JP 10-032202	02/14/97	Semiconductor Energy Lab Co Ltd Semiconductor	x x		07/27/95
	JP 2001- 281694	10/10/01	Energy Lab Co Ltd Semiconductor Energy Lab Co Ltd	х		03/29/00
	JP 2001- 281704 JP 2004- 006974	01/08/04	Semiconductor Energy Lab Co Ltd Semiconductor Energy Lab Co Ltd	X		01/26/01
			57 22 200	e ,		

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

- 1) International Search Report re application no. PCT/JP2005/017223, dated December 27, 2005.
- 2) Written Opinion re international application no. PCT/JP 2005/017223, dated December 27, 2005.

EXAMINER:

DATE CONSIDERED:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP form. Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

IAP20 Rec'd F STATIO 19 APR 2006

			Atty. Docket No. 0553-0494	Serial) Not Ass	Serial No. 1500 177 Not Assigned 00 177		
LIST OF PUBLICATIONS CITED BY APPLICANT		<u>Applicant</u> Yoshinari HIGAKI et al					
			<u>Filing Date</u> Herewith	Group	Group		
		US	PATENT DOCUMENTS				
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE	
	6,853,083 B1 6,861,670 B1 US 2005/ 0056848 A1	02/08/05 03/01/05 03/17/05	Yamauchi et al Ohtani et al Yamazaki et al	257 257 257	763 66 72	03/11/99 03/28/00 10/07/04	
	US 2005/ 0145847 A1 US 2005/	07/07/05 07/07/05	Miyazaki et al Yamauchi et al	257 313	72 503	12/28/04 01/25/05	
	0146262 A1 6,940,094 B2 US 2005/ 0206008 A1	09/06/05 09/22/05	Yamazaki et al Yamazaki et al	257 257	59 765	05/23/02 06/02/05	
	6,979,882 B1 US 2006/ 0006794 A1	12/27/05 01/12/06	Yamazaki et al Sakakura et al	257 313	559 503	04/30/99 06/29/05	
	6,992,435 B2	01/31/06	Yamauchi et al	313	503	01/25/05	
		FORE:	IGN PATENT DOCUMENTS	3		·	
	DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE	
			NON-PATENT LITERATU				
			NON-PATENT LITERATU , Title, Date, Pert		3		

EXAMINER: DATE CONSIDERED:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP form. Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

			Atty. Docket No. 0553-0494	Serial Not Ass	% 576 igned	177	
LIST OF PUBLICATIONS CITED BY APPLICANT		<u>Applicant</u> Yoshinari HIGAKI et al					
`		<u>Filing Date</u> Herewith	Group				
	US PATENT DOCUMENTS						
*EXAMINER	DOCUMENT				SUB-	FILING	
INITIAL	NUMBER	DATE	NAME	CLASS	CLASS	DATE	
	5,623,157 5,640,067 5,684,365 5,804,878 5,897,328 5,929,527 6,031,290 6,166,396 6,166,414 US 2001/ 0001496 A1 US 2002/ 0024298 A1 US 2002/ 0110941 A1 6,448,612 B1 US 2002/	04/22/97 06/17/97 11/04/97 09/08/98 04/27/99 07/27/99 02/29/00 12/26/00 12/26/00 05/24/01 02/28/02 08/15/02 09/10/02 11/07/02	Miyazaki et al Yamauchi et al Tang et al Miyazaki et al Yamauchi et al Yamazaki et al Miyazaki et al Yamazaki Miyazaki et al Yamazaki Fukunaga Yamazaki et al Miyazaki et al Miyazaki et al	257 313 315 257 438 257 257 257 257 257 313 438 257 257	383 504 169.3 764 29 771 764 59 369 347 506 25 344 408	06/07/95 03/18/96 12/14/94 04/24/96 05/13/97 07/16/97 03/13/98 07/18/96 08/25/99 12/26/00 07/25/01 01/26/01 11/02/00 03/26/02	
	0163049 A1 US 2002/ 0179969 A1 US 2002/	12/05/02 12/05/02	Miyazaki et al Yamazaki et al	257 257	344 368	07/12/02 05/23/02	
	0179972 A1 US 2002/ 0179973 A1 6,495,857 B2 US 2003/	12/05/02 12/05/02 12/17/02 03/20/03	Yamazaki et al Yamazaki Yamazaki Yamazaki et al	257 257 257 438	368 59 694	05/23/02 05/23/02 12/26/00 03/19/02	
	0054653 A1 6,608,353 B2 US 2004/ 0023445 A1	08/19/03 02/05/04	Miyazaki et al Miyazaki et al	257 438	350 149	07/12/02 07/17/03	
	US 2004/ 0051102 A1 6,825,488 B2 US 2004/ 0241931 A1 6,844,628 B2	03/18/04 11/30/04 12/02/04 01/18/05	Miyazaki et al Yamazaki et al Akimoto et al Yamazaki et al	257 257 438 257	72 40 220 771	08/15/03 01/26/01 03/17/04 05/23/02	